

Application No.: 10/776155

Case No.: 59526US002

Amendments to the Specification:

Please amend the specification as follows:

On page 9, please add the following passage after the paragraph that starts on line 7 with the words "Figure 14" and ends on line 8 with the word "disclosure":

; and

Figure 15 is a schematic plan view of the surface of a DMD type light valve showing the orientation of the hinges of the individual pixels.

On page 24, please add the following paragraph after the paragraph that starts on line 1 with the words "The use" and ends on line 15 with the word "efficiency":

Fig. 15 illustrates a light valve 120 in the form of a deformable mirror device (hereinafter referred to as "DMD") having an array of reflective pixels 122. Each pixel 122 is mounted so as to be pivotable about torsion hinges 124 which are located at two diagonal corners of each pixel 122, thus defining a pivot axis. In operation when an appropriate ON voltage is applied to pixel 122, the upper lefthand corner 126 of pixel 122 will move upwardly from the plane of the DMD 120 while the lower righthand corner 128 will move downwardly. Similarly, when an OFF voltage is applied, pixel 122 will pivot about torsion hinges 124 so that corner 126 moves downwardly and corner 128 moves upwardly. Thus the ON and OFF positions comprise two distinct movements of each pixel 122. Generally, pixels 122 can be pivoted by 10 degrees to either side of planar. In the ON position, the incident illumination is reflected into the aperture of a projection lens. In the OFF position, the incident illumination is reflected outside the aperture of the projection lens and thus does not reach the viewing screen.